

## GENERAL DESCRIPTION:

Cast brass valve body. The single unit contains two handles, the lever handle sets the desired temperature and the metal cross handle functions as an on/off, volume control. The temperature is maintained by a wax element moving a shuttle valve between hot and cold. The volume is controlled by twin ceramic disc valve cartridges. Ceratherm includes Hot Limit Safety Stop. Maximum temperature limit is 112°F. Escutcheon plate is stamped brass. Available with 1/2" or 3/4" NPT inlets and outlets. The valve has a high flow rate, ideal for multiple outlet installations.

## SUGGESTED SPECIFICATION:

Two handle Thermostat shall feature a cast brass valve body. Thermostat shall be a wax element shuttle valve. Shall also feature ceramic disc valving, 1/2" NPT or 3/4" NPT inlets and outlets. Fitting shall be American Standard Model # T050.541.\_\_\_\_ (Trim Kit) and R520 or R540 (Rough Valve Body).

## MODEL NUMBER:

### TRIM KITS:

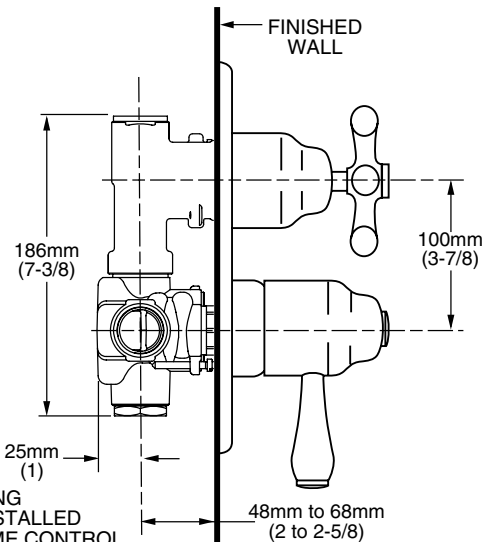
- ❑ **T050.541 Two-Handle Classic Thermostat Valve Trim Kit**  
With separate volume control. LESS valve.

### ROUGH VALVES:

- ❑ **R520 Rough Valve Body only**  
1/2" NPT inlets/outlets. With separate volume control. LESS Trim.
- ❑ **R540 Rough Valve Body only**  
3/4" NPT inlets/outlets. With separate volume control. LESS Trim.

### NOTE:

- When used as a Bath/Shower:  
EITHER  
- a separate diverter valve (such as R420 or R430)  
OR  
- a diverter tub spout (requires twin ell - Model #8888.120)  
IS REQUIRED



NOTE: FITTING  
MUST BE INSTALLED  
WITH VOLUME CONTROL  
ON TOP.

## PRODUCT FEATURES:

**Brass Casting:** Highest quality faucet material for durability & long life.

**Wax Thermostatic Unit:** Permits shuttle valve to move between the hot and cold seats to maintain the pre-selected constant water temperature.

**Back to Back Capable:** Hot and cold can be reversed.

**Spring-Loaded Check Valves:** When the hot and cold water enters the fitting, both supplies pass through the spring-loaded check valves to prevent cross flow of hot and cold water.

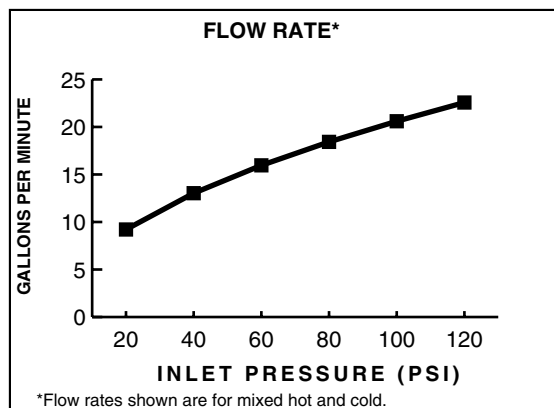
**Integrated Stop Valves:** Ensure easy cleaning and servicing.

**Adjustable Hot Limit Safety Stop:** Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding. Maximum water temperature may be reduced to 104 or 109 degrees Fahrenheit.

## CODES AND STANDARDS

These products meet or exceed the following codes and standards:

**ASSE 1016**  
**ASME A112.18.1**  
**CSA B125**



TRIM KITS**	Product Number	Description	Finish Options		
			Polished Chrome	PVD Polished Brass	PVD Satin Nickel
			002	099	295
	T050.541*	Two-handle Thermostat Trim Kit with separate volume control.			

ROUGH VALVE BODIES	Product Number	Description
	R520	Rough Valve Body less trim - 1/2" NPT inlets/outlets.
	R540	Rough Valve Body less trim - 3/4" NPT inlets/outlets.

**\* NOTE:** When used as a Bath/Shower a separate diverter valve is required (such as 1660.430).  
**Requires twin ell ( Model #8888.120 - must be ordered separately) for use with diverter spouts.**  
**Use one discharge port only. Plug is provided.**

**\*\* ROUGH & TRIM MUST BE ORDERED SEPARATELY.**